

HawkEye FRT

(Convenient and Efficient Face Recognizer)



Summary

FRT-1A belongs to the tactic product in iNext HawkEye Face Recognition Series. The main goal of this product is to apply to any temporary surveillance scene that needs deploying rapidly. It can capture face images quickly, which are compared with the database to make a real-time alert.

FRT-1A consists of Camera Unit, Control Unit and Equipment Box. The Camera Unit is responsible for capturing face images. The Control Unit is a special workstation for storage and control. The Equipment Box has a strong protection level and is easy to carry.

Features

Real-time Surveillance and Alert

FRT-1A compares the captured images with the images in the database, displays the most similar target image and alerts in real time. What's more, it also supports real-time video display.

Static and Dynamic Retrieval

Static Retrieval can compare the captured/native face images with the database. Dynamic Retrieval can compare the photos with the previously captured photos.

Million-Level Database Management

FRT-1A supports the addition, deletion, lookup and modification of one or multi-million-level databases.

Historic Records Management

FRT-1A can manage historic records by storage, query and export.

Highlights

High Accuracy

iNext FRT-1A adopts high-performance face recognition algorithm and the accuracy rate reaches 99.6%

Rapid Deployment

iNext FRT-1A has built-in battery and WIFI model. It is no wiring and easy to connect, which can be deployed rapidly.

High Portability

All modules can put into one box and easy to carry.

Long Battery Life

iNext FRT-1A can keep working for more than 6 hours. It can easily satisfy the mission of long-term temporary surveillance.

High Reliability

The Control Unit's IP protection level is IP52, the Camera Unit reaches IP67, and the Equipment Box reaches IP67. All parts of FRT-1A are water resistant, dust resistant and fall prevention.



Control Unit



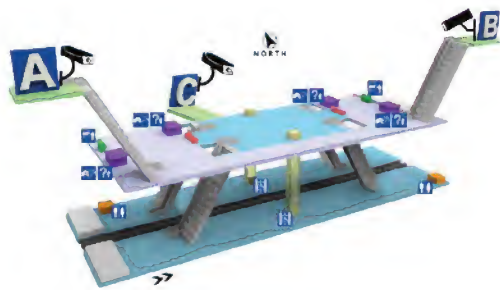
Camera Unit

Long-Distance Scenario



FRT-1A can be equipped with telephoto lens for long-distance face monitoring. This is a non-perceived police intervention with real-time alarm.

Typical Application



FRT-1A can be used for temporary regional control, such as subway stations, shopping malls, schools, etc..

Deploying multiple devices at the entrance and exit, can achieve system-level regional control.

It can be applied to a variety of temporary security scenarios because of its rapid deployment and strong mobility.

Product Specifications

Product Name	HawkEye Face Recognition Tactic(FRT-1A)
Control Unit	Battery Life: > 6 Hours, Dual Battery and Support Hot Swap
	IngressProtection(IP): IP52
Camera Unit	Battery Life: > 6 Hours
	IngressProtection(IP): IP67
System	Static Target Library Capacity: 1 Million
	Dynamic Target Library Capacity: 20 Thousand
	Face Recognizable Size: >45*45 Pixels
	Face Recognizable Angle: YAW = -30°~ +30°, PITCH = -30°~ +30°, ROLL = -30°~ +30°
	Applicable to illumination change
	Applicable to the exaggerated expression
	Applicable to identification with glasses and some facial features keep out
	Alarm Time: < 2 s
	Recognition Accuracy: 1000 People: 99.6%, 10000 People: 96%